

Listing of Claims

1. (As currently amended) A cable assembly for a dental video camera system with a dental video camera with a camera cable and a camera connector, a monitor with a monitor cable and a monitor connector and a power supply with power supply cable and a power supply connector, a said cable assembly comprising:
 - a. an input housing;
 - b. a first connector disposed in said input housing whereby the camera cable is electrically coupled to said first connector;
 - c. a camera cable with a complement camera connector whereby said the complement-camera connector electrically couples the dental video camera through the camera connector to said camera cable;
 - d. a circuit module;
 - e. a second connector disposed in said circuit module;
 - f. a complement-second connector disposed in said circuit module; and
 - g. a frame grabber interface circuit disposed in said circuit module wherein said frame grabber interface circuit electrically couples the dental camera to the monitor.
2. (As currently amended) A cable assembly according to claim 1 wherein said cable assembly includes a frame grabber interface circuit disposed in

said circuit module wherein said frame grabber interface circuit electrically couples the dental camera to the monitor;

3. (Original claim) A cable assembly according to claim 2 wherein said cable assembly includes a camera power supply circuit whereby said camera power supply circuit electrically couples the dental camera to the power supply.